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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No: Q86052

In re application of

Takashi TAKEDA, et al.

Appln. No.: 10/525,014

Confirmation No.: Unknown

Filed: February 17, 2005

Group Art Unit: Unknown

Examiner: Unknown

For: PHOSPHOR AND VACUUM ULTRAVIOLET RADIATION EXCITED LIGHT-EMITTING
DEVICE

REQUEST FOR REFUND

MAIL STOP 16

Director of the U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants hereby respectfully request a refund in the amount of \$100.00. This refund is to be credited to Deposit Account No. 19-4880.

Applicants believe that revised 37 C.F.R. § 1.492 allows reduced search and examination fees for applications in which the national fee was not filed before December 8, 2004. The above-referenced application was filed on February 17, 2005, with a copy of the International Search Report. (A copy of the copy of transmittal letter and PTO stamped Serial Number Card is attached.) Therefore, Applicants believe they are entitled to the reduced fee.

A duplicate copy of this paper is attached.

Respectfully submitted,

John T. Callahan

Registration No. 32,607

Repln. Reg. 05/17/2005 RWHITE1 10525014
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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: March 17, 2005

Adjustment date: 05/17/2005 RWHITE1
02/28/2005 HKAYPAGH 00000057 10525014
02 FC:1632 -500.00 OP

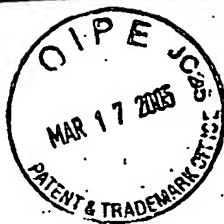
05/17/2005 RWHITE1 00000002 10525014

01 FC:1642

400.00 OP

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17/23



National Stage Entry of PCT/JP2003/010900
REQUEST FOR EARLY NOTIFICATION OF SERIAL NUMBER

Inventor(s): Takashi TAKEDA, Keiji ONO, Susumu MIYAZAKI

Title: PHOSPHOR AND VACUUM ULTRAVIOLET RADIATION
EXCITED LIGHT-EMITTING DEVICE

Atty Doc. #: Q86052 Client: SUMITOMO CHEMICAL
INTELLECTUAL PROPERTY SERVICE, LTD.

Filing Date: February 17, 2005 # Pgs. Spec/Abst: 15/1* #Claims: 6 #d

*with 1st Page of WO 2004/020550, Form PTC/IB/304 & Form PCT/IB/306

Dwg. Sheets: none Decl yes Prelim Amdt no

PTO/SB/08 A & B/ISR yes Asgmt/PTO-1595: yes

Fees: \$1360.00 + \$40.00

DT07 Rec'd PCT/PTO 17 FEB 2005

☒ Checks Attached ☐ Charge to Deposit # 19-4880 Atty/Sec: JTC/ecb

SERIAL NO.: **10/525014** CONF NO.:

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February 17, 2005

MAIL STOP PCT

Commissioner for Patents
P.O. BOX 1450
Alexandria, VA 22313-1450

FILED

FEB 17 2005

PCT/JP2003/010900
-filed August 28, 2003

Re: Application of Takashi TAKEDA, Keiji ONO, and Susumu MIYAZAKI
PHOSPHOR AND VACUUM ULTRAVIOLET RADIATION EXCITED
LIGHT-EMITTING DEVICE
Assignee: SUMITOMO CHEMICAL COMPANY, LIMITED
Our Ref: Q86052

Dear Sir:

The following documents and fees are submitted herewith in connection with the above application for the purpose of entering the National stage under 35 U.S.C. §371 and in accordance with the Patent Cooperation Treaty:

- ☒ a copy of the executed Declaration and Power of Attorney.
- ☒ an English translation of the International Application. Also enclosed is the first page of WO 2004/020550 A1.
- ☒ a copy of Notification Concerning Submission or Transmittal of Priority Document (Form PCT/IB/304).
- ☒ Notification of the Recording of a Change (Form PCT/IB/306).
- ☐ 0 sheet(s) of drawings.
- ☒ a copy of the executed Assignment and PTO 1595 form.
- ☒ a PTO/SB/08 A & B (modified) listing the ISR/IPER references. Also enclosed is a copy of the International Search Report (Form PCT/ISA/210).
- ☒ It is expressly requested that the national stage of processing be commenced immediately in accordance with 35 U.S.C. § 371(f)

It is assumed that copies of the International Application, the International Search Report and cited references, the International Preliminary Examination Report, and any Articles 19 and 34 amendments as required by §371(c) will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.

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SUGHRUE MION, PLLC

Commissioner for Patents

February 17, 2005

Page 2

The Government filing fee is calculated as follows:

Total claims	$\frac{10}{1} - \frac{20}{3} =$	$\times \$50.00 =$	$\frac{\$0.00}{\$0.00}$
Independent claims		$\times \$200.00 =$	$\frac{\$0.00}{\$0.00}$
Base Fee			<u>\$300.00</u>
Search Fee			<u>\$500.00</u>
Examination Fee			<u>\$200.00</u>
Multiple Dependent Claim Fee			<u>\$360.00</u>
TOTAL FILING FEE			<u>\$1360.00</u>
Recordation of Assignment			<u>\$ 40.00</u>
TOTAL FEE			<u>\$1400.00</u>

Checks for the statutory filing fee of \$1360.00 and Assignment recordation fee of \$40.00 are attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

Country

Japan

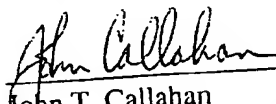
Application No

2002-250353

Filing Date

August 29, 2002

Respectfully submitted,


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CUSTOMER NUMBER

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP03/10900

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ C09K11/79, C09K11/78, H01J11/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl⁷ C09K11/79, C09K11/78, H01J11/02

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 47-38587 A (Tokyo Shibaura Electric Co., Ltd.), 05 December, 1972 (05.12.72), Claims (Family: none)	1
X	JP 57-30782 A (Hitachi, Ltd.), 19 February, 1982 (19.02.82), Claims; Fig. 1; table 4, No.15 (Family: none)	1, 6
X	JP 59-193983 A (Kasei Optonix, Ltd.), 02 November, 1984 (02.11.84), Claims; page 1, lower left column, the last line; examples (Family: none)	1, 6

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

- * "A" Special categories of cited documents:
document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
06 November, 2003 (06.11.03)

Date of mailing of the international search report
25 November, 2003 (25.11.03)

Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/10900

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 10-140149 A (Nichia Chemical Industries, Ltd.), 26 May, 1998 (26.05.98), Claims (Family: none)	1
X	US 4052329 A (Matsushita Electric Industrial Co., Ltd.), 04 October, 1977 (04.10.77), Claims & JP 49-113784 A Claims	1
X A	EP 21536 A1 (N.V. Philips' Gloeilampenfabrieken), 07 January, 1981 (07.01.81), Claims; tables; examples & JP 56-8485 A Claims; tables; examples; page 3, upper right column, 5th line from the bottom	1, 5, 6 2-4
X	JP 48-38316 B1 (Tokyo Shibaura Electric Co., Ltd.), 16 November, 1973 (16.11.73), Claims; column 2, lines 6 to 7 (Family: none)	1, 6

Form PCT/ISA/210 (continuation of second sheet) (July 1998)

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